

## Product datasheet for **TP300106L**

### **Bif (SH3GLB1) (NM\_016009) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SH3-domain GRB2-like endophilin B1 (SH3GLB1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200106 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNIMDFNVKLAADAGTFLSRAVQFTEEKLGQAECTELDAHLENLLSKAECTKIWTEKIMKQTEVLLQPN  
PNARIEEFVYEKLDKAPSRINNPELLGQYMIDAGTEFGPGTAYGNALIKCGETQKRIGTADRELIQ TSA  
LNFLTPLRNFIEGDYKTIAKERKLLQNKRLDLDAKTRLKAKAAETRSSEQLRITQSEFDRQAEITR  
LLEGISSTHAHHLRCLNDFVEAQMTYYAQCYQYMLDLQKQLGSPSNYLSNNNQTSVTPVPSVLPNAIG  
SSAMASTSGLVITSPSNLSDLKECSGSRKARVLYDYDAANSTELSLLADEVITVFSVVGMDSDWLMGERG  
NQKKGVPITYLELLN

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	40.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_057093</a>
Locus ID:	51100



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UniProt ID:	<a href="#">Q9Y371</a> , <a href="#">A0A140VJU5</a>
RefSeq Size:	6382
Cytogenetics:	1p22.3
RefSeq ORF:	1095
Synonyms:	Bif-1; CGI-61; dj612B15.2; PPP1R70
Summary:	This gene encodes a SRC homology 3 domain-containing protein. The encoded protein interacts with the proapoptotic member of the Bcl-2 family, Bcl-2-associated X protein (Bax) and may be involved in regulating apoptotic signaling pathways. This protein may also be involved in maintaining mitochondrial morphology. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]
Protein Pathways:	Endocytosis

### Product images:



Coomassie blue staining of purified SH3GLB1 protein (Cat# [TP300106]). The protein was produced from HEK293T cells transfected with SH3GLB1 cDNA clone (Cat# [RC200106]) using MegaTran 2.0 (Cat# [TT210002]).